

AMENDMENT TO THE SPECIFICATION

Please amend the last paragraph on page 1, (lines 13-18), as follows:

This non-provisional utility application is also a continuation-in-part of non-provisional application Serial No. 09/535,059, filed on March 24, 2000, now U.S. Patent No. 6,693,964, entitled “Methods And Arrangements For Compressing Image Based Rendering Data Using Multiple Reference Frame Prediction Techniques That Support Just-In-Time Rendering Of An Image”, which is hereby incorporated by reference herein, and to which further priority is hereby claimed.

Please amend the last paragraph on page 3, (lines 20-25), as follows:

Further research and development by Gortler et al. led [[, lead]] to the development of the Lumigraph as disclosed in an article entitled “The Lumigraph” that was published in Computer Graphics (SIGGRAPH’96) in August, 1996. Similarly, Levoy et al. developed a Lightfield as disclosed in an article entitled “Light Field Rendering” that was also published in Computer Graphics (SIGGRAPH’96) in August of 1996.

Please amend the paragraph on page 5, (lines 16-19), as follows:

Preferably, the methods and arrangements will allow for the rendering of a portion of the concentric mosaics without requiring the entire 3D dataset. In fact, each time a view is rendered it would be beneficial is if only a small portion of the 3D dataset is used by the rendering mechanism.

1 Please amend the paragraph on page 7, (lines 3-7), as follows:

2 A 3D wavelet approach has also been proposed for the compression of the
3 concentric mosaics. See, e.g., co-pending U.S. Patent Application 09/535,059 ,
4 filed on March 24, 2000, entitled "Methods And Arrangements For Compressing
5 Image Based Rendering Data Using Multiple Reference Frame Prediction
6 Techniques That Support Just-In-Time Rendering Of An Image", now U.S. Patent
7 No. 6,693,964.

8
9 Please amend the paragraph on page 14, (lines 13-22), as follows:

10 When used in a LAN networking environment, computer 20 is connected to
11 the local network 51 through a network interface or adapter ~~456~~ 53. When used in
12 a WAN networking environment, computer 20 typically includes a modem 54 or
13 other means for establishing communications over the wide area network 52, such
14 as the Internet. Modem 54, which may be internal or external, is connected to bus
15 23 via interface 46. In a networked environment, program modules depicted
16 relative to the personal computer 20, or portions thereof, may be stored in the
17 remote memory storage device. It will be appreciated that the network
18 connections shown are exemplary and other means of establishing a
19 communications link between the computers may be used.